ion of honev in one year from the bee moth? Mr. Holtermann-I have.

Mr. Gemmell-I never did

Mr. Heise -I have seen it this year with particle οf honey in section.

Mr. Armstrong-I have seen this pinkish

worm as much as ten years ago.

Mr. Evans-I have the idea that the moth was the one that burrowed in the comb, but that this other was simply a wax worm.

Question: Is the action of the Government in sending out bureau lecturers beneficial or detrimental financially to us?

Mr. McKnight—I don't think it is of any

advantage.

Mr. Holtermann-I have been out on farmers' institute work during the past week, and as you know, bee-keepers have bla good deal of difficulty in getting the public to understand that they should not spray during fruit growing. In the evening particularly it is largely customary in the majority of institutes to have the ledies and gentlemen appear and they have agenerally good time.

Now, one of the subjects that I, as a rule, take up, is the relation of the bees to plant life; that subject can be brought forward and every day we are finding more and more the very important part that the bee is playing in relation to horticulture.

Professor Fowler delivered a very able address in Kingston before the fruit grow-Take es' Association upon this subject. is instance, the Northern Spy apple and planf it alone, and you cannot get a single Northern Spy apple. We knew for years that the whole construction of flowers was ach as to secure cross fertilization, but we did not know until investigations had been onducted, the greater importance of this mestion that pollen. although mature, from Northern Spy apple could not fertilize the omesponding part of the flower, and the exessity of having these varieties mixed together. Now, one of the desirable things wadvance the cause of the bes-keeping industry, is to bring that before the general public; then, to point out that the fruit grower and the bee-keeper are a class of nen who should be united, who have a common interest; and then to point out but the Entomologist, whose duty it is to study the habits of the injurious insects, Mysyou cannot reach these if you spray faring the time the the trees are in blossom; more than that, parts of the flowers are odelicate that you run the chance of inring those parts and not alone have you lost your time, and your material but you Reactually running the risk of injuring on flowers and you will not get the same mount of fruit.

Mr. McKnight-Do you mean to say that the Northern Spy Apple tree has not the power to fertilize its fruit.

Mr. Holtermann — Most assuredly.

Mr. Mcknight—You have no authority to sav that.

Mr. McEvoy—In my locality Prof. Shaw set out twelve acres of pure northern spies sixteen years ago, and this year, this great fruit year, there was not an apple on the twelve acres.

Mr. Gemmell-There are any amount of Northern Spy apple trees that do not bear

till they are twenty years old.

Mr. Hoshal at this point answered some questions on wintering bees in shallow frames.

Mr. McEvoy-Mr. President, I think it was generally the opinion here last night that the keeping of the brood so close to the super that when the honey season ended there would be nothing in the brood chamber; and what is Mr. Hoshol going to do in the winter? Is he going to have to resort to feeding? On that ground the members here would imagine that would be a poor system to follow, but Mr. Hoshal did not explain how he provides for that.

Mr. Hoshal—There are two ways I provide for that. If you wish to winter upon natural stores, during the summer season we have one of those brood cases filled with honey which is our extracting super; the brood case and extracting super are the same thing: we simply set that aside and when the fall comes and the hive is stripred we put it on top and the bees go into it.

Mr. McEvoy—Do you put a half storey hives? Cowinter on or these Could you winter on a shallow

single Hedden Hive?

Mr. Hoshal-Certainly, we do it winter after winter and have done it since 1887, col-80, 90 onies to 100, right straight along hoth inside and but remember those sectout. ions are full of honey, all the honey the combs will carry, there is nothing left in them, what you might call vacant combs for the bees to stick their heads into; it is all filled. They are filled, whether they are full of natural stores or whether the bees are fed with syrup in the fall for them to fill them up.

I have better results where we use two cases or ten Langstroff frames; we have very stong colonies, and when those colonies winter well they certainly beat those. that are wintered in single sections, but those colonies that are wintered in two sections vary a great deal. of them will be real strong, the same as they went into winter quarters, and some will be reduced until they are very weak